

What is claimed is:

1. A surface-mounted antenna apparatus comprising:
 - a receiving circuit provided on a circuit substrate and having receiving parts; and
 - at least one antenna body which is surface-mounted on said circuit substrate,
 - at least one portion of said receiving parts in said receiving circuit and connecting electrodes for connecting said one portion of the receiving parts with said receiving circuit being installed on said antenna body.
2. The surface-mounted antenna apparatus according to claim 1,
 - wherein the one portion of the receiving parts in the receiving circuit has a coil attached to said antenna body and a chip condenser attached to said antenna body,
 - wherein said connecting electrodes are provided on said antenna body and connected electrically with said coil and said chip condenser.
3. A surface-mounted antenna apparatus which is surface-mounted on a circuit substrate having a receiving circuit, comprising:
 - at least one antenna body including a coil which has leads;
 - a flange provided on at least one end of said antenna body;
 - a chip condenser attached to said flange;
 - condenser connecting electrodes provided on one surface of said flange to be connected with said leads of the coil and said chip condenser;
 - and
 - circuit connecting electrodes provided on another surface of said

flange to be connected with said condenser connecting electrodes and said receiving circuit of the circuit substrate.

4. The surface-mounted antenna apparatus according to claim 3,
wherein said condenser and circuit connecting electrodes are integrally formed.

5. The surface-mounted antenna apparatus according to claim 3,
further comprising a concave portion formed in an upper surface of said flange,
wherein said condenser connecting electrodes are inserted into said concave portion.

6. The surface-mounted antenna apparatus according to claim 3,
further comprising flanges provided on opposite ends of said antenna body,
wherein an upper surface of one flange is formed to become lower than that of another flange, said condenser connecting electrodes being disposed on the lowered upper surface of the one flange.

7. The surface-mounted antenna apparatus according to claim 3,
wherein said condenser connecting electrodes are attached on an upper surface of said flange,
wherein said circuit connecting electrodes for connecting with a circuit pattern provided on the circuit substrate and connected with the receiving circuit are attached on a lower surface of said flange, and
wherein intermediate electrodes for connecting with said

condenser and said circuit connecting electrodes are provided on a side surface of the flange.

8. The surface-mounted antenna apparatus according to claim 6, further comprising a dummy electrode provided on a lower surface of the another flange.

9. A surface-mounted antenna apparatus surface-mounted on a circuit substrate and having multi-directivity for receiving radio waves, comprising:

a base;

a plurality of antenna bodies extending in a plurality of directions from said base;

a circuit for receiving the radio waves, formed on an upper surface of said base; and

electrodes provided on a lower surface of said base to be connected with said receiving circuit and said circuit substrate.

10. The surface-mounted antenna apparatus according to claim 9, further comprising connecting conductors provided on a side surface of said base for connecting said receiving circuit and said electrodes.

11. The surface-mounted antenna apparatus according to claim 7, wherein said receiving circuit includes a synchronous condenser constituting the receiving circuit together with said antenna bodies, a quartz crystal oscillator for generating a predetermined clock signal, an

IC for processing a received signal received by said antenna bodies by driving said receiving circuit and for correcting a time by processing said clock signal obtained from the quartz crystal oscillator and comparing said clock signal and said received signal and a condenser for said IC.

12. The surface-mounted antenna apparatus according to claim 9, further comprising flanges provided on ends of said plurality of antenna bodies opposite to said base,

wherein the upper surface of the base is formed to become lower than that of said flanges.

13. The surface-mounted antenna apparatus according to claim 9, wherein said plurality of antenna bodies are disposed in a cross shape.

14. The surface-mounted antenna apparatus according to claim 9, wherein said plurality of antenna bodies are configured to extend in three directions.

15. The surface-mounted antenna apparatus according to claim 9, further comprising electrodes provided on a lower surface of said flange for mounting said antenna apparatus on said circuit substrate.